

Date: Tue, 17 Aug 93 04:30:23 PDT  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V93 #10  
To: Ham-Space

Ham-Space Digest                      Tue, 17 Aug 93                      Volume 93 : Issue    10

Today's Topics:

                    ARLK032 Keplerian data

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>  
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Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Mon, 16 Aug 1993 23:11:12 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
sol.ctr.columbia.edu!news.kei.com!news.oc.com!spssig.spss.com!feenix.metronet.com!  
marcbg@network.ucsd.edu  
Subject: ARLK032 Keplerian data  
To: ham-space@ucsd.edu

SB KEP @ ARL \$ARLK032  
ARLK032 Keplerian data

ZCZC SK44  
QST de W1AW  
Keplerian Bulletin 32 ARLK032  
>From ARRL Headquarters  
Newington, CT August 15, 1993  
To all radio amateurs

SB KEP ARL ARLK032  
ARLK032 Keplerian data

Thanks to NASA, AMSAT and N3FKV for the following Keplerian data.

Decode 2-line elsets with the following key:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ  
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ  
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN  
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

A0-10

1 14129U 83058 B 93221.06889999 -.00000019 99999-4 0 154  
2 14129 27.0868 11.8398 6022186 104.2478 326.2403 2.05882066 48381

RS-10/11

1 18129U 87054 A 93220.43284199 0.00000088 89554-4 0 6381  
2 18129 82.9203 199.9896 0011538 165.4463 194.6995 13.72321524307019

U0-11

1 14781U 84021 B 93215.16055773 0.00000214 40399-4 0 4271  
2 14781 97.8101 239.4802 0010858 202.8016 157.2703 14.69034577503614

RS-12/13

1 21089U 91007 A 93219.09473796 0.00000019 13296-4 0 4120  
2 21089 82.9222 244.3622 0027716 264.3337 95.4657 13.74025097125519

A0-13

1 19216U 88051 B 93217.59545340 0.00000151 20473-2 0 6281  
2 19216 57.8256 301.8379 7222206 321.1899 4.8410 2.09717933 7891

U0-14

1 20437U 90005 B 93218.73957688 0.00000038 22824-4 0 7604  
2 20437 98.6130 302.4541 0011877 37.2541 322.9463 14.29785557184656

A0-16

1 20439U 90005 D 93218.73756346 0.00000033 20735-4 0 5651  
2 20439 98.6207 303.3807 0012226 38.3084 321.8965 14.29844227184667

D0-17

1 20440U 90005 E 93218.79218351 0.00000031 20010-4 0 5674  
2 20440 98.6211 303.6596 0012298 37.9561 322.2477 14.29980426184683

W0-18

1 20441U 90005 F 93219.25219564 0.00000031 19859-4 0 5695  
2 20441 98.6209 304.1374 0012876 36.3969 323.8080 14.29959852184752

L0-19

1 20442U 90005 G 93219.25085967 0.00000038 22703-4 0 5660  
2 20442 98.6211 304.3215 0013238 35.7691 324.4369 14.30050311184762

F0-20

1 20480U 90013 C 93213.62679476 -.00000013 15582-6 0 4527  
2 20480 99.0320 61.1953 0541077 343.7838 14.6522 12.83220426163149

A0-21

1 21087U 91006 A 93222.78919451 0.00000084 82656-4 0 8245  
2 21087 82.9432 12.4120 0034219 228.0928 131.7291 13.74523258126944

U0-22

1 21575U 91050 B 93219.08053576 0.00000062 27770-4 0 2653  
2 21575 98.4703 294.3668 0007975 140.7748 219.4029 14.36842996107973

K0-23

1 22077U 92052 B 93220.36901674 0.00000000 99999-4 0 1101  
2 22077 66.0839 214.9336 0001040 164.0942 196.0109 12.86279781 46558

Mir

1 16609U 86017 A 93223.12589245 0.00007296 94354-4 0 2310  
2 16609 51.6212 303.5868 0004074 325.5769 34.4921 15.59173182427701

Keplerian bulletins are transmitted twice weekly from W1AW.  
The next scheduled transmission of these data will be Tuesday,  
August 17, 1993, at 2230z on Baudot, AMTOR and ASCII.

NNNN

/EX

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End of Ham-Space Digest V93 #10

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